RCC-4CX LITHIUM BATTERY BALANCE CHARGER USER MANUAL

FEATURES

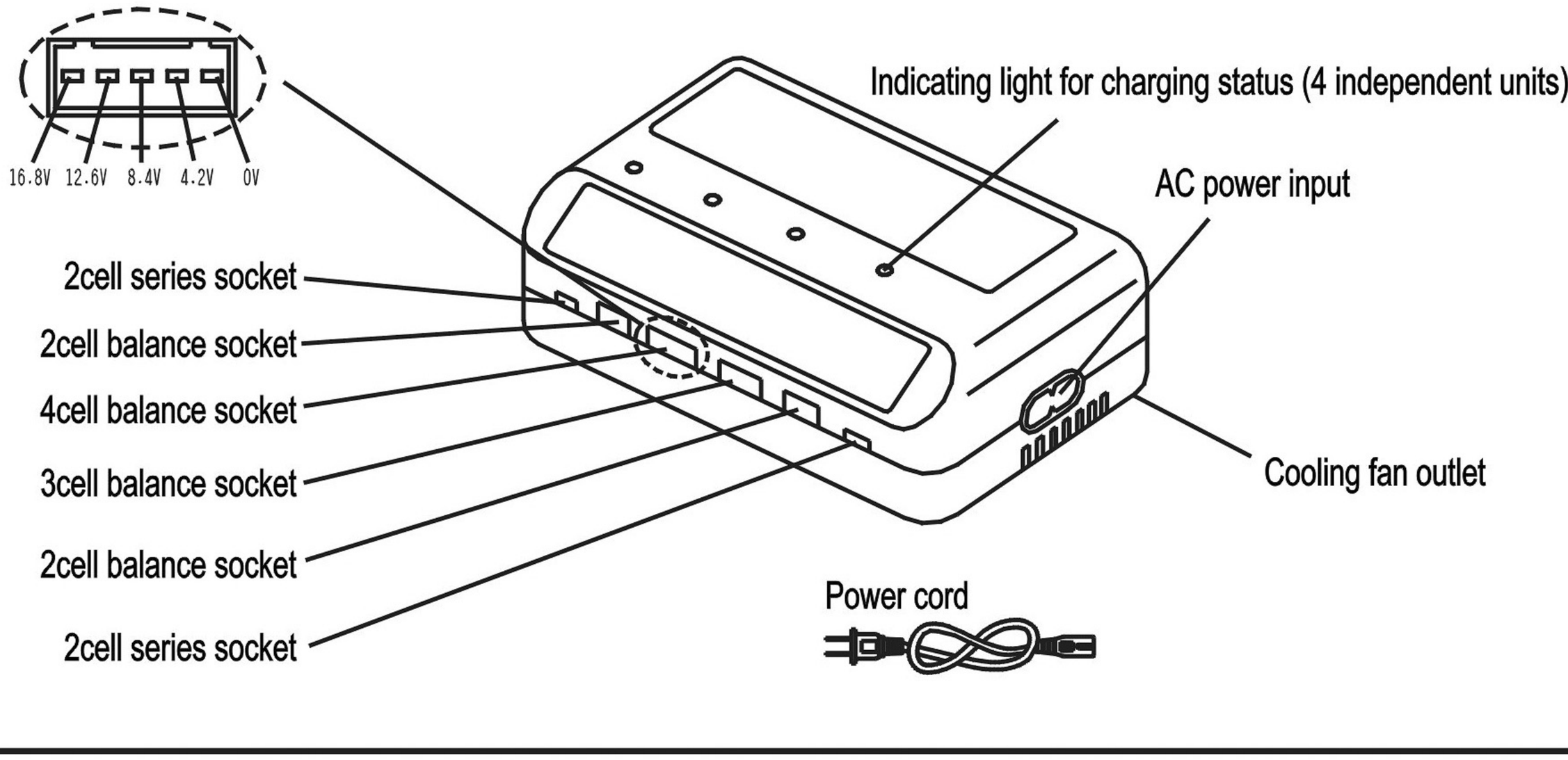
1.AC 100-240V exchange switch for international specification.
2.Apply to 3.6V / 3.7V 2-4 cell Li-ion/Li-polymer batteries.
3.For both balance charge and charging in series. It is a fast, convenient design of multiple functions.
4.Balance charging is good to prevent the situation of over-charging or under-charging for a single cell.
5.Auto-detected charge status display. (Red light: while charging Green light: end of charging)
6.Cooling fan and multi-circuit protection to avoid the dangerous of charging.
7.The auto-detected function of low voltage for power storage.
8.Reverse polarity protection and short circuit protection.

SAFETY PRECAUTIONS

1. The device is suitable to 2-4cell, 1000mAh and more lithium batteries. Please do not dismantle or change it for other purpose.
2. The battery being in use may be a little hot. Please do not charge the battery right away. It might cause the battery broken, even an accident.
3. If there is any unusual deformation of outer casing of battery, please do not charge it anymore.
   If the battery becomes hot while charging, stop charging and check if the battery is broken.
4. Do not use the charger at place near heater or expose of sunshine.
5. Do not let this machine drench to the rain/water or uses under the heavy moisture, in order to avoid the interior short-circuits and accidents.
6. Prevent liquid and anything into the device. If so, please unplug the charger and take out the battery and send it to our distributors or headquarter to repair.
7. Keep the vent of cooling fan unimpeded.
8. While using, put the charger at a stable place and avoid falling down or colliding.
9. Before connecting the charge to batteries, please notice the positive and negative pole of the battery. When the reverse polarity protection beeps, please take out the battery immediately.
   (The beeps should be stopped in 15 seconds, or the charger will be broken.)
10. For short-circuits battery, the indicating light of the charger will be off, so please stop charging.

ILLUSTRATION

Polar arrangement schematic



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ALIGN

INSTRUCTIONS

1. Connect the power cord to AC power input on the main body and the power supply socket on the wall .
   (Apply to 100-240V alternating current)
2. Once the power is on, the four indicating lights will turn green and the cooling fan will start running.
   The waiting mode shows ready to charge.
3. Charging for DC 14.8V/14.4V 4cell Li-ion or Li-polymer batteries:
   Insert the adapters of Li-ion batteries for balance charging to 4-cell sockets in correct directions.
   The 4 indicating lights on the right side will be red, showing charging status of each cell.
4. Charging for DC 11.1V/10.8V 3-cell Li-ion/Li-polymer batteries:
   Insert the adapters of Li-ion batteries for balance charging to 3-cell sockets in correct directions.
   The 3 indicating lights on the right side will be red, showing charging status of each cell.
5. Charging for DC 7.4V/7.2V 2-cell Li-ion/Li-polymer batteries:
   (1) Insert the adapters of Li-ion batteries for balance charging to 2-cell sockets in correct directions.
   You can choose to use one or both sets at one time. The 2 indicating lights on the side will be red showing "on charging".
   (2) If your 7.4V/7.2V Li-ion battery is without a adapter for balance charging, use the charging sockets (JST adapter) on two sides for a charging of series separately.
6. When the indicating lights turn green, it means charging completed. Please remove the batteries.
7. If the lights are still green when the batteries connect to the charger, it means the batteries are full of electricity. The charger will not work on the batteries.
8. Standard charging methods:
(1) Charge one set of 4-cell Li-ion battery each time.
(2) Charge one set of 3-cell Li-ion battery each time.
(3) Charge one or two sets of 2-cell Li-ion battery each time.
   p.s. There are 4 sets of charging circuits in a charger. Using one circuit to charge 2 batteries at one time will cause lower current and longer time of charging. Do not go for 4-cell or 3-cell balance charging while making 2-cell charge of series.
9. The charger is of the function of supply. After the lights turn green, the charger will detect voltage of the batteries, and give a few more time of charging, until the power is full.

CHARGING COMBINATION

Charging combination	2cell series	2cell balance	4cell balance	3cell balance	2cell balance	2cell series	Charging time
Standard mode 1			○				Battery capacity ÷ 1000mA(prox.)
Mode 2				○			
Mode 3		○			○		
Mode 4	○					○	
Mode 5		○				○	
Multi-sets	X	○	○	○	○	X	Using same circuit: Battery capacity ÷ 1000mA ÷ battery quantity using common circuit

SPECIFICATION

Model	RCC-4CX
Voltage Input	AC 100-240V 50-60Hz
Voltage Output	2 cell DC 7.4V 3 cell DC 11.1V 4 cell DC 14.8V
Current Output	1000mA

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